

# [regression?] usb: new errors during device detection

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*Source:* <http://linux.derkeiler.com/Mailing-Lists/Kernel/2008-08/msg01074.html>

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  - *Date:* Sun, 3 Aug 2008 22:11:21 +0200
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Not sure how I should interpret this difference between dmesg output for 2.6.26 and 2.6.27-rc1 (after 'grep -i usb'):

```
usbcore: registered new interface driver usbfs
usbcore: registered new interface driver hub
usbcore: registered new device driver usb
USB Universal Host Controller Interface driver v3.0
uhci_hcd 0000:00:1d.0: new USB bus registered, assigned bus number 1
usb usb1: configuration #1 chosen from 1 choice
hub 1-0:1.0: USB hub found
uhci_hcd 0000:00:1d.1: new USB bus registered, assigned bus number 2
usb usb2: configuration #1 chosen from 1 choice
hub 2-0:1.0: USB hub found
uhci_hcd 0000:00:1d.2: new USB bus registered, assigned bus number 3
usb usb3: configuration #1 chosen from 1 choice
hub 3-0:1.0: USB hub found
uhci_hcd 0000:00:1d.3: new USB bus registered, assigned bus number 4
usb usb4: configuration #1 chosen from 1 choice
hub 4-0:1.0: USB hub found
+usb 3-1: new low speed USB device using uhci_hcd and address 2
ehci_hcd 0000:00:1d.7: new USB bus registered, assigned bus number 5
ehci_hcd 0000:00:1d.7: USB 2.0 started, EHCI 1.00, driver 10 Dec 2004
usb usb5: configuration #1 chosen from 1 choice
hub 5-0:1.0: USB hub found
-usb 3-1: new low speed USB device using uhci_hcd and address 2
+usb 3-1: device not accepting address 2, error -71
+hub 3-0:1.0: unable to enumerate USB device on port 1
+usb 3-1: new low speed USB device using uhci_hcd and address 4
usb 3-1: configuration #1 chosen from 1 choice
usb 4-1: new low speed USB device using uhci_hcd and address 2
usb 4-1: configuration #1 chosen from 1 choice
usbcore: registered new interface driver hiddev
input: USB Compliant Keyboard as /class/input/input0
input: USB HID v1.10 Keyboard [USB Compliant Keyboard] on usb-0000:00:1d.2-1
input: USB Compliant Keyboard as /class/input/input1
input: USB HID v1.10 Device [USB Compliant Keyboard] on usb-0000:00:1d.2-1
input: Logitech USB Receiver as /class/input/input2
input: USB HID v1.10 Mouse [Logitech USB Receiver] on usb-0000:00:1d.3-1
```

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usbcore: registered new interface driver usbhid  
usbhid: v2.6:USB HID core driver

Note that 3-1 is first assigned address 2 and then 4. With 2.6.26 3-1 did not have any problem accepting address 2. I assume the "unable to enumerate" error is a result of the rejection of the address?

Problem is reproducible (not limited to a single boot).

Full dmesg and kernel config attached.

Cheers,  
FJP

Linux version 2.6.27-rc1 (root@faramir) (gcc version 4.3.1 (Debian 4.3.1-8) ) #37 SMP Thu Jul 31 20:07:50 CEST 2008

Command line: root=/dev/mapper/main-root ro vga=791 quiet

KERNEL supported cpus:

Intel GenuineIntel

AMD AuthenticAMD

Centaur CentaurHauls

BIOS-provided physical RAM map:

BIOS-e820: 0000000000000000 - 000000000009fc00 (usable)

BIOS-e820: 000000000009fc00 - 00000000000a0000 (reserved)

BIOS-e820: 00000000000e0000 - 0000000000100000 (reserved)

BIOS-e820: 0000000000100000 - 000000007f674000 (usable)

BIOS-e820: 000000007f674000 - 000000007f6e9000 (ACPI NVS)

BIOS-e820: 000000007f6e9000 - 000000007f6ec000 (usable)

BIOS-e820: 000000007f6ec000 - 000000007f6ff000 (ACPI data)

BIOS-e820: 000000007f6ff000 - 000000007f700000 (usable)

last\_pfn = 0x7f700 max\_arch\_pfn = 0x3fffffff

x86 PAT enabled: cpu 0, old 0x7040600070406, new 0x7010600070106

init\_memory\_mapping

0000000000 - 007f600000 page 2M

007f600000 - 007f700000 page 4k

kernel direct mapping tables up to 7f700000 @ 8000-c000

last\_map\_addr: 7f700000 end: 7f700000

RAMDISK: 37c05000 - 37fef1bf

DMI 2.3 present.

ACPI: RSDP 000FE020, 0014 (r0 INTEL )

ACPI: RSDT 7F6FDE48, 0058 (r1 INTEL D945GCZ FF9 MSFT 1000013)

ACPI: FACP 7F6FCF10, 0074 (r1 INTEL D945GCZ FF9 MSFT 1000013)

ACPI: DSDT 7F6F7010, 4348 (r1 INTEL D945GCZ FF9 MSFT 1000013)

ACPI: FACS 7F6E2C40, 0040

ACPI: APIC 7F6FCE10, 0078 (r1 INTEL D945GCZ FF9 MSFT 1000013)

ACPI: WDDT 7F6F6F90, 0040 (r1 INTEL D945GCZ FF9 MSFT 1000013)

ACPI: MCFG 7F6F6F10, 003C (r1 INTEL D945GCZ FF9 MSFT 1000013)

ACPI: ASF! 7F6FCD10, 00A6 (r32 INTEL D945GCZ FF9 MSFT 1000013)

ACPI: HPET 7F6F6E90, 0038 (r1 INTEL D945GCZ FF9 MSFT 1000013)

ACPI: SSDT 7F6FDC10, 01BC (r1 INTEL CpuPm FF9 MSFT 1000013)

ACPI: SSDT 7F6FDA10, 0175 (r1 INTEL Cpu0Ist FF9 MSFT 1000013)

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ACPI: SSDT 7F6FD810, 0175 (r1 INTEL Cpu1Ist FF9 MSFT 1000013)  
ACPI: SSDT 7F6FD610, 0175 (r1 INTEL Cpu2Ist FF9 MSFT 1000013)  
ACPI: SSDT 7F6FD410, 0175 (r1 INTEL Cpu3Ist FF9 MSFT 1000013)  
ACPI: SSDT 7F6F6E10, 002F (r1 INTEL SetupVar FF9 MSFT 1000013)  
ACPI: TCPA 7F6E4D90, 0032 (r1 INTEL TIANO 2 MSFT 1000013)  
No NUMA configuration found  
Faking a node at 0000000000000000-000000007f700000  
Bootmem setup node 0 0000000000000000-000000007f700000  
NODE\_DATA [0000000000001000 - 0000000000005fff]  
bootmap [000000000000a000 - 0000000000019edf] pages 10  
(6 early reservations) ==> bootmem [0000000000 - 007f700000]  
#0 [0000000000 - 0000001000] BIOS data page ==> [0000000000 - 0000001000]  
#1 [0000006000 - 0000008000] TRAMPOLINE ==> [0000006000 - 0000008000]  
#2 [0000200000 - 00008c88c8] TEXT DATA BSS ==> [0000200000 - 00008c88c8]  
#3 [0037c05000 - 0037fef1bf] RAMDISK ==> [0037c05000 - 0037fef1bf]  
#4 [000009fc00 - 0000100000] BIOS reserved ==> [000009fc00 - 0000100000]  
#5 [0000008000 - 000000a000] PGTABLE ==> [0000008000 - 000000a000]  
Scan SMP from ffff880000000000 for 1024 bytes.  
Scan SMP from ffff88000009fc00 for 1024 bytes.  
Scan SMP from ffff8800000f0000 for 65536 bytes.  
found SMP MP-table at [ffff880000fe680] 000fe680  
[ffffe20000000000-ffffe20002bffff] PMD -> [ffff880001200000-ffff880003dffff] on node 0  
Zone PFN ranges:  
DMA 0x00000000 -> 0x00001000  
DMA32 0x00001000 -> 0x00100000  
Normal 0x00100000 -> 0x00100000  
Movable zone start PFN for each node  
early\_node\_map[4] active PFN ranges  
0: 0x00000000 -> 0x0000009f  
0: 0x00000100 -> 0x00007f674  
0: 0x00007f6e9 -> 0x00007f6ec  
0: 0x00007f6ff -> 0x00007f700  
On node 0 totalpages: 521751  
DMA zone: 2072 pages, LIFO batch:0  
DMA32 zone: 506625 pages, LIFO batch:31  
ACPI: PM-Timer IO Port: 0x408  
ACPI: Local APIC address 0xfe00000  
ACPI: LAPIC (acpi\_id[0x01] lapic\_id[0x00] enabled)  
ACPI: LAPIC (acpi\_id[0x02] lapic\_id[0x01] enabled)  
ACPI: LAPIC (acpi\_id[0x03] lapic\_id[0x82] disabled)  
ACPI: LAPIC (acpi\_id[0x04] lapic\_id[0x83] disabled)  
ACPI: LAPIC\_NMI (acpi\_id[0x01] dfl dfl lint[0x1])  
ACPI: LAPIC\_NMI (acpi\_id[0x02] dfl dfl lint[0x1])  
ACPI: IOAPIC (id[0x02] address[0xfec00000] gsi\_base[0])  
IOAPIC[0]: apic\_id 2, version 0, address 0xfec00000, GSI 0-23  
ACPI: INT\_SRC\_OVR (bus 0 bus\_irq 0 global\_irq 2 dfl dfl)  
ACPI: INT\_SRC\_OVR (bus 0 bus\_irq 9 global\_irq 9 high level)  
ACPI: IRQ0 used by override.  
ACPI: IRQ2 used by override.  
ACPI: IRQ9 used by override.  
Setting APIC routing to flat

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ACPI: HPET id: 0x8086a201 base: 0xfed00000  
Using ACPI (MADT) for SMP configuration information  
SMP: Allowing 4 CPUs, 2 hotplug CPUs  
PM: Registered nosave memory: 000000000009f000 – 00000000000a0000  
PM: Registered nosave memory: 00000000000a0000 – 00000000000e0000  
PM: Registered nosave memory: 00000000000e0000 – 0000000000100000  
PM: Registered nosave memory: 000000007f674000 – 000000007f6e9000  
PM: Registered nosave memory: 000000007f6ec000 – 000000007f6ff000  
Allocating PCI resources starting at 80000000 (gap: 7f700000:80900000)  
PERCPU: Allocating 46784 bytes of per cpu data  
NR\_CPUS: 8, nr\_cpu\_ids: 4, nr\_node\_ids 1  
Built 1 zonelists in Node order, mobility grouping on. Total pages: 508697  
Policy zone: DMA32  
Kernel command line: root=/dev/mapper/main-root ro vga=791 quiet  
Initializing CPU#0  
PID hash table entries: 4096 (order: 12, 32768 bytes)  
TSC calibrated against PM\_TIMER  
Detected 3199.878 MHz processor.  
Console: colour dummy device 80x25  
console [tty0] enabled  
Lock dependency validator: Copyright (c) 2006 Red Hat, Inc., Ingo Molnar  
... MAX\_LOCKDEP\_SUBCLASSES: 8  
... MAX\_LOCK\_DEPTH: 48  
... MAX\_LOCKDEP\_KEYS: 2048  
... CLASSHASH\_SIZE: 1024  
... MAX\_LOCKDEP\_ENTRIES: 8192  
... MAX\_LOCKDEP\_CHAINS: 16384  
... CHAINHASH\_SIZE: 8192  
memory used by lock dependency info: 1776 kB  
per task-struct memory footprint: 2688 bytes  
Checking aperture...  
No AGP bridge found  
Calgary: detecting Calgary via BIOS EBDA area  
Calgary: Unable to locate Rio Grande table in EBDA – bailing!  
Memory: 2030548k/2087936k available (2284k kernel code, 56456k reserved, 1431k data, 368k init)  
CPA: page pool initialized 1 of 1 pages preallocated  
SLUB: Genslabs=13, HWalign=64, Order=0–3, MinObjects=0, CPUs=4, Nodes=1  
hpet clockevent registered  
Calibrating delay loop (skipped), value calculated using timer frequency.. <6>6399.75 BogoMIPS  
(lpj=12799512)  
Security Framework initialized  
SELinux: Disabled at boot.  
Dentry cache hash table entries: 262144 (order: 9, 2097152 bytes)  
Inode-cache hash table entries: 131072 (order: 8, 1048576 bytes)  
Mount-cache hash table entries: 256  
CPU: Trace cache: 12K uops, L1 D cache: 16K  
CPU: L2 cache: 1024K  
CPU 0/0 -> Node 0  
CPU: Physical Processor ID: 0  
CPU: Processor Core ID: 0  
CPU0: Thermal monitoring enabled (TM1)

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using mwait in idle threads.

ACPI: Core revision 20080609

..TIMER: vector=0x30 apic1=0 pin1=2 apic2=-1 pin2=-1

CPU0: Intel(R) Pentium(R) D CPU 3.20GHz stepping 07

Using local APIC timer interrupts.

APIC timer calibration result 12499519

Detected 12.499 MHz APIC timer.

lockdep: fixing up alternatives.

Booting processor 1/1 ip 6000

Initializing CPU#1

Calibrating delay using timer specific routine.. <6>6399.96 BogoMIPS (lpj=12799939)

CPU: Trace cache: 12K uops, L1 D cache: 16K

CPU: L2 cache: 1024K

CPU 1/1 -> Node 0

CPU: Physical Processor ID: 0

CPU: Processor Core ID: 1

CPU1: Thermal monitoring enabled (TM1)

x86 PAT enabled: cpu 1, old 0x7040600070406, new 0x7010600070106

CPU1: Intel(R) Pentium(R) D CPU 3.20GHz stepping 07

checking TSC synchronization [CPU#0 -> CPU#1]: passed.

Brought up 2 CPUs

Total of 2 processors activated (12799.72 BogoMIPS).

CPU0 attaching sched-domain:

domain 0: span 0-1 level CPU

groups: 0 1

domain 1: span 0-1 level NODE

groups: 0-1

CPU1 attaching sched-domain:

domain 0: span 0-1 level CPU

groups: 1 0

domain 1: span 0-1 level NODE

groups: 0-1

net\_namespace: 1624 bytes

NET: Registered protocol family 16

ACPI: bus type pci registered

PCI: Found Intel Corporation 945G/GZ/P/PL Express Memory Controller Hub without MMCONFIG support.

PCI: Using configuration type 1 for base access

ACPI: EC: Look up EC in DSDT

ACPI: Interpreter enabled

ACPI: (supports S0 S1 S3 S4 S5)

ACPI: Using IOAPIC for interrupt routing

ACPI: PCI Root Bridge [PCI0] (0000:00)

pci 0000:00:1b.0: PME# supported from D0 D3hot D3cold

pci 0000:00:1b.0: PME# disabled

pci 0000:00:1c.0: PME# supported from D0 D3hot D3cold

pci 0000:00:1c.0: PME# disabled

pci 0000:00:1c.2: PME# supported from D0 D3hot D3cold

pci 0000:00:1c.2: PME# disabled

pci 0000:00:1c.3: PME# supported from D0 D3hot D3cold

pci 0000:00:1c.3: PME# disabled

pci 0000:00:1c.4: PME# supported from D0 D3hot D3cold

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pci 0000:00:1c.4: PME# disabled
pci 0000:00:1c.5: PME# supported from D0 D3hot D3cold
pci 0000:00:1c.5: PME# disabled
pci 0000:00:1d.7: PME# supported from D0 D3hot D3cold
pci 0000:00:1d.7: PME# disabled
pci 0000:00:1f.0: quirk: region 0400–047f claimed by ICH6 ACPI/GPIO/TCO
pci 0000:00:1f.0: quirk: region 0500–053f claimed by ICH6 GPIO
pci 0000:00:1f.2: PME# supported from D3hot
pci 0000:00:1f.2: PME# disabled
pci 0000:01:00.0: PME# supported from D0 D3hot D3cold
pci 0000:01:00.0: PME# disabled
pci 0000:01:00.3: PME# supported from D0 D3hot D3cold
pci 0000:01:00.3: PME# disabled
pci 0000:01:00.4: PME# supported from D0 D3hot D3cold
pci 0000:01:00.4: PME# disabled
pci 0000:00:1e.0: transparent bridge
ACPI: PCI Interrupt Routing Table [_SB_.PCI0._PRT]
ACPI: PCI Interrupt Routing Table [_SB_.PCI0.P32._PRT]
ACPI: PCI Interrupt Routing Table [_SB_.PCI0.PEX0._PRT]
ACPI: PCI Interrupt Routing Table [_SB_.PCI0.PEX2._PRT]
ACPI: PCI Interrupt Routing Table [_SB_.PCI0.PEX3._PRT]
ACPI: PCI Interrupt Routing Table [_SB_.PCI0.PEX4._PRT]
ACPI: PCI Interrupt Routing Table [_SB_.PCI0.PEX5._PRT]
ACPI: PCI Interrupt Link [LNKA] (IRQs 3 4 5 7 9 10 *11 12)
ACPI: PCI Interrupt Link [LNKB] (IRQs 3 4 5 7 9 10 11 12) *0, disabled.
ACPI: PCI Interrupt Link [LNKC] (IRQs 3 4 5 7 9 *10 11 12)
ACPI: PCI Interrupt Link [LNKD] (IRQs 3 4 5 7 9 10 *11 12)
ACPI: PCI Interrupt Link [LNKE] (IRQs 3 4 5 7 9 10 11 12) *0, disabled.
ACPI: PCI Interrupt Link [LNKF] (IRQs 3 4 5 7 9 10 11 12) *0, disabled.
ACPI: PCI Interrupt Link [LNKG] (IRQs 3 4 5 7 *9 10 11 12)
ACPI: PCI Interrupt Link [LNKH] (IRQs 3 4 5 7 *9 10 11 12)
Linux Plug and Play Support v0.97 (c) Adam Belay
pnp: PnP ACPI init
ACPI: bus type pnp registered
pnp 00:00: parse allocated resources
pnp 00:00: add io 0xcf8–0xcff flags 0x1
pnp 00:00: Plug and Play ACPI device, IDs PNP0a03 (active)
pnp 00:01: parse allocated resources
pnp 00:01: add mem 0xf0000000–0xf3ffffff flags 0x0
pnp 00:01: add mem 0xfed13000–0xfed13fff flags 0x0
pnp 00:01: add mem 0xfed14000–0xfed17fff flags 0x0
pnp 00:01: add mem 0xfed18000–0xfed18fff flags 0x0
pnp 00:01: add mem 0xfed19000–0xfed19fff flags 0x0
pnp 00:01: add mem 0xfed1c000–0xfed1ffff flags 0x0
pnp 00:01: add mem 0xfed20000–0xfed3ffff flags 0x0
pnp 00:01: add mem 0xfed45000–0xfed99fff flags 0x0
pnp 00:01: add mem 0xc0000–0xdffff flags 0x0
pnp 00:01: add mem 0xe0000–0xfffff flags 0x0
pnp 00:01: PNP0c02: calling quirk_system_pci_resources+0x0/0x179
pnp 00:01: Plug and Play ACPI device, IDs PNP0c02 (active)
pnp 00:02: parse allocated resources
```

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pnp 00:02: add io 0x0–0xf flags 0x1  
pnp 00:02: add io 0x81–0x83 flags 0x1  
pnp 00:02: add io 0x87–0x87 flags 0x1  
pnp 00:02: add io 0x89–0x8b flags 0x1  
pnp 00:02: add io 0x8f–0x8f flags 0x1  
pnp 00:02: add io 0xc0–0xdf flags 0x1  
pnp 00:02: add dma 4 flags 0x0  
pnp 00:02: Plug and Play ACPI device, IDs PNP0200 (active)  
pnp 00:03: parse allocated resources  
pnp 00:03: add io 0x70–0x71 flags 0x1  
pnp 00:03: add io 0x74–0x77 flags 0x1  
pnp 00:03: add irq 8 flags 0x1  
pnp 00:03: Plug and Play ACPI device, IDs PNP0b00 (active)  
pnp 00:04: parse allocated resources  
pnp 00:04: add io 0xf0–0xf0 flags 0x1  
pnp 00:04: add irq 13 flags 0x1  
pnp 00:04: Plug and Play ACPI device, IDs PNP0c04 (active)  
pnp 00:05: parse allocated resources  
pnp 00:05: add io 0x61–0x61 flags 0x1  
pnp 00:05: Plug and Play ACPI device, IDs PNP0800 (active)  
pnp 00:06: parse allocated resources  
pnp 00:06: add io 0x500–0x53f flags 0x1  
pnp 00:06: add io 0x400–0x47f flags 0x1  
pnp 00:06: add io 0x92–0x92 flags 0x1  
pnp 00:06: add io 0x680–0x6ff flags 0x1  
pnp 00:06: add io 0x10–0x1f flags 0x1  
pnp 00:06: add io 0x72–0x73 flags 0x1  
pnp 00:06: add io 0x80–0x80 flags 0x1  
pnp 00:06: add io 0x84–0x86 flags 0x1  
pnp 00:06: add io 0x88–0x88 flags 0x1  
pnp 00:06: add io 0x8c–0x8e flags 0x1  
pnp 00:06: add io 0x90–0x9f flags 0x1  
pnp 00:06: PNP0c02: calling quirk\_system\_pci\_resources+0x0/0x179  
pnp 00:06: Plug and Play ACPI device, IDs PNP0c02 (active)  
pnp 00:07: parse allocated resources  
pnp 00:07: add mem 0xfed40000–0xfed44fff flags 0x0  
pnp 00:07: PNP0c02: calling quirk\_system\_pci\_resources+0x0/0x179  
pnp 00:07: Plug and Play ACPI device, IDs PNP0c31 PNP0c02 (active)  
pnp 00:08: parse allocated resources  
pnp 00:08: add io 0x60–0x60 flags 0x1  
pnp 00:08: add io 0x64–0x64 flags 0x1  
pnp 00:08: PNP0c02: calling quirk\_system\_pci\_resources+0x0/0x179  
pnp 00:08: Plug and Play ACPI device, IDs PNP0c02 (active)  
pnp 00:09: parse allocated resources  
pnp 00:09: add io 0x3f0–0x3f5 flags 0x1  
pnp 00:09: add io 0x3f0–0x3f0 flags 0x1  
pnp 00:09: add irq 6 flags 0x1  
pnp 00:09: add dma 2 flags 0x0  
pnp 00:09: parse resource options  
pnp 00:09: dependent set 0 (preferred) io min 0x3f0 max 0x3f0 align 1 size 6 flags 0x1  
pnp 00:09: dependent set 0 (preferred) io min 0x3f7 max 0x3f7 align 1 size 1 flags 0x1

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pnp 00:09: dependent set 0 (preferred) irq 6 flags 0x1  
pnp 00:09: dependent set 0 (preferred) dma 2 (bitmask 0x4) flags 0x0  
pnp 00:09: Plug and Play ACPI device, IDs PNP0700 (active)  
pnp 00:0a: parse allocated resources  
pnp 00:0a: add io 0x378–0x37f flags 0x1  
pnp 00:0a: add io 0x778–0x77f flags 0x1  
pnp 00:0a: add irq 7 flags 0x1  
pnp 00:0a: add dma 0 flags 0x10000000  
pnp 00:0a: parse resource options  
pnp 00:0a: dependent set 0 (preferred) io min 0x378 max 0x378 align 1 size 8 flags 0x1  
pnp 00:0a: dependent set 0 (preferred) io min 0x778 max 0x778 align 1 size 8 flags 0x1  
pnp 00:0a: dependent set 0 (preferred) irq 5 7 flags 0x1  
pnp 00:0a: dependent set 0 (preferred) dma 1 3 (bitmask 0xa) flags 0x0  
pnp 00:0a: dependent set 1 (preferred) io min 0x278 max 0x278 align 1 size 8 flags 0x1  
pnp 00:0a: dependent set 1 (preferred) io min 0x678 max 0x678 align 1 size 8 flags 0x1  
pnp 00:0a: dependent set 1 (preferred) irq 5 7 flags 0x1  
pnp 00:0a: dependent set 1 (preferred) dma 1 3 (bitmask 0xa) flags 0x0  
pnp 00:0a: dependent set 2 (preferred) io min 0x3bc max 0x3bc align 1 size 4 flags 0x1  
pnp 00:0a: dependent set 2 (preferred) io min 0x7bc max 0x7bc align 1 size 4 flags 0x1  
pnp 00:0a: dependent set 2 (preferred) irq 5 7 flags 0x1  
pnp 00:0a: dependent set 2 (preferred) dma 1 3 (bitmask 0xa) flags 0x0  
pnp 00:0a: Plug and Play ACPI device, IDs PNP0401 (active)  
pnp 00:0b: parse allocated resources  
pnp 00:0b: add io 0x3f8–0x3ff flags 0x1  
pnp 00:0b: add irq 4 flags 0x1  
pnp 00:0b: parse resource options  
pnp 00:0b: dependent set 0 (preferred) io min 0x3f8 max 0x3f8 align 1 size 8 flags 0x1  
pnp 00:0b: dependent set 0 (preferred) irq 4 flags 0x1  
pnp 00:0b: dependent set 1 (preferred) io min 0x3e8 max 0x3e8 align 1 size 8 flags 0x1  
pnp 00:0b: dependent set 1 (preferred) irq 4 flags 0x1  
pnp 00:0b: dependent set 2 (preferred) io min 0x2f8 max 0x2f8 align 1 size 8 flags 0x1  
pnp 00:0b: dependent set 2 (preferred) irq 3 flags 0x1  
pnp 00:0b: dependent set 3 (preferred) io min 0x2e8 max 0x2e8 align 1 size 8 flags 0x1  
pnp 00:0b: dependent set 3 (preferred) irq 3 flags 0x1  
pnp 00:0b: dependent set 4 (functional) io min 0x100 max 0x3f8 align 8 size 8 flags 0x1  
pnp 00:0b: dependent set 4 (functional) irq 1 3 4 5 6 7 8 10 11 12 13 14 15 flags 0x1  
pnp 00:0b: Plug and Play ACPI device, IDs PNP0501 (active)  
pnp 00:0c: parse allocated resources  
pnp 00:0c: add mem 0xfec00000–0xfec000ff flags 0x0  
pnp 00:0c: Plug and Play ACPI device, IDs PNP0003 (active)  
pnp 00:0d: parse allocated resources  
pnp 00:0d: add mem 0xfed00000–0xfed003ff flags 0x0  
pnp 00:0d: Plug and Play ACPI device, IDs PNP0103 (active)  
pnP: PnP ACPI: found 14 devices  
ACPI: ACPI bus type pnp unregistered  
usbcore: registered new interface driver usbfs  
usbcore: registered new interface driver hub  
usbcore: registered new device driver usb  
PCI: Using ACPI for IRQ routing  
PCI-GART: No AMD northbridge found.  
hpet0: at MMIO 0xfed00000, IRQs 2, 8, 0

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hpet0: 3 64-bit timers, 14318180 Hz  
ACPI: RTC can wake from S4  
pnp: the driver 'system' has been registered  
system 00:01: iomem range 0xf0000000-0xf3ffffff has been reserved  
system 00:01: iomem range 0xfed13000-0xfed13fff has been reserved  
system 00:01: iomem range 0xfed14000-0xfed17fff has been reserved  
system 00:01: iomem range 0xfed18000-0xfed18fff has been reserved  
system 00:01: iomem range 0xfed19000-0xfed19fff has been reserved  
system 00:01: iomem range 0xfed1c000-0xfed1ffff has been reserved  
system 00:01: iomem range 0xfed20000-0xfed3ffff has been reserved  
system 00:01: iomem range 0xfed45000-0xfed99fff has been reserved  
system 00:01: iomem range 0xc0000-0xdffff has been reserved  
system 00:01: iomem range 0xe0000-0xfffff could not be reserved  
system 00:01: driver attached  
system 00:06: ioport range 0x500-0x53f has been reserved  
system 00:06: ioport range 0x400-0x47f has been reserved  
system 00:06: ioport range 0x680-0x6ff has been reserved  
system 00:06: driver attached  
system 00:07: iomem range 0xfed40000-0xfed44fff has been reserved  
system 00:07: driver attached  
system 00:08: driver attached  
pci 0000:00:1c.0: PCI bridge, secondary bus 0000:01  
pci 0000:00:1c.0: IO window: 0x1000-0x1fff  
pci 0000:00:1c.0: MEM window: 0x90000000-0x901fffff  
pci 0000:00:1c.0: PREFETCH window: disabled  
pci 0000:00:1c.2: PCI bridge, secondary bus 0000:02  
pci 0000:00:1c.2: IO window: disabled  
pci 0000:00:1c.2: MEM window: 0x90300000-0x903fffff  
pci 0000:00:1c.2: PREFETCH window: disabled  
pci 0000:00:1c.3: PCI bridge, secondary bus 0000:03  
pci 0000:00:1c.3: IO window: disabled  
pci 0000:00:1c.3: MEM window: 0x90400000-0x904fffff  
pci 0000:00:1c.3: PREFETCH window: disabled  
pci 0000:00:1c.4: PCI bridge, secondary bus 0000:04  
pci 0000:00:1c.4: IO window: disabled  
pci 0000:00:1c.4: MEM window: 0x90500000-0x905fffff  
pci 0000:00:1c.4: PREFETCH window: disabled  
pci 0000:00:1c.5: PCI bridge, secondary bus 0000:05  
pci 0000:00:1c.5: IO window: disabled  
pci 0000:00:1c.5: MEM window: 0x90600000-0x906fffff  
pci 0000:00:1c.5: PREFETCH window: disabled  
pci 0000:00:1e.0: PCI bridge, secondary bus 0000:06  
pci 0000:00:1e.0: IO window: disabled  
pci 0000:00:1e.0: MEM window: disabled  
pci 0000:00:1e.0: PREFETCH window: disabled  
pci 0000:00:1c.0: PCI INT A -> GSI 17 (level, low) -> IRQ 17  
pci 0000:00:1c.0: setting latency timer to 64  
pci 0000:00:1c.2: PCI INT C -> GSI 18 (level, low) -> IRQ 18  
pci 0000:00:1c.2: setting latency timer to 64  
pci 0000:00:1c.3: PCI INT D -> GSI 19 (level, low) -> IRQ 19  
pci 0000:00:1c.3: setting latency timer to 64

[regression?] usb: new errors during device detection

[regression?] usb: new errors during device detection

```
pci 0000:00:1c.4: PCI INT A -> GSI 17 (level, low) -> IRQ 17
pci 0000:00:1c.4: setting latency timer to 64
pci 0000:00:1c.5: PCI INT B -> GSI 16 (level, low) -> IRQ 16
pci 0000:00:1c.5: setting latency timer to 64
pci 0000:00:1e.0: setting latency timer to 64
NET: Registered protocol family 2
IP route cache hash table entries: 65536 (order: 7, 524288 bytes)
TCP established hash table entries: 262144 (order: 10, 4194304 bytes)
TCP bind hash table entries: 65536 (order: 9, 3670016 bytes)
TCP: Hash tables configured (established 262144 bind 65536)
TCP reno registered
NET: Registered protocol family 1
checking if image is initramfs... it is
Switched to high resolution mode on CPU 1
Switched to high resolution mode on CPU 0
Freeing initrd memory: 4008k freed
audit: initializing netlink socket (disabled)
type=2000 audit(1217690732.648:1): initialized
VFS: Disk quotas dquot_6.5.1
Dquot-cache hash table entries: 512 (order 0, 4096 bytes)
msgmni has been set to 3973
io scheduler noop registered
io scheduler anticipatory registered
io scheduler deadline registered
io scheduler cfq registered (default)
pci 0000:00:02.0: Boot video device
pcieport-driver 0000:00:1c.0: setting latency timer to 64
pcieport-driver 0000:00:1c.0: found MSI capability
pci_express 0000:00:1c.0:pcie00: allocate port service
pci_express 0000:00:1c.0:pcie02: allocate port service
pcieport-driver 0000:00:1c.2: setting latency timer to 64
pcieport-driver 0000:00:1c.2: found MSI capability
pci_express 0000:00:1c.2:pcie00: allocate port service
pci_express 0000:00:1c.2:pcie02: allocate port service
pcieport-driver 0000:00:1c.3: setting latency timer to 64
pcieport-driver 0000:00:1c.3: found MSI capability
pci_express 0000:00:1c.3:pcie00: allocate port service
pci_express 0000:00:1c.3:pcie02: allocate port service
pcieport-driver 0000:00:1c.4: setting latency timer to 64
pcieport-driver 0000:00:1c.4: found MSI capability
pci_express 0000:00:1c.4:pcie00: allocate port service
pci_express 0000:00:1c.4:pcie02: allocate port service
pcieport-driver 0000:00:1c.5: setting latency timer to 64
pcieport-driver 0000:00:1c.5: found MSI capability
pci_express 0000:00:1c.5:pcie00: allocate port service
pci_express 0000:00:1c.5:pcie02: allocate port service
vesafb: framebuffer at 0x80000000, mapped to 0xffffc20000b80000, using 3072k, total 7872k
vesafb: mode is 1024x768x16, linelength=2048, pages=4
vesafb: scrolling: redraw
vesafb: Truecolor: size=0:5:6:5, shift=0:11:5:0
Console: switching to colour frame buffer device 128x48
```

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[regression?] usb: new errors during device detection

fb0: VESA VGA frame buffer device  
hpet\_resources: 0xfed00000 is busy  
Linux agpgart interface v0.103  
Serial: 8250/16550 driver4 ports, IRQ sharing enabled  
serial8250: ttyS0 at I/O 0x3f8 (irq = 4) is a 16550A  
pnp: the driver 'serial' has been registered  
00:0b: ttyS0 at I/O 0x3f8 (irq = 4) is a 16550A  
serial 00:0b: driver attached  
serial 0000:01:00.3: PCI INT C -> GSI 18 (level, low) -> IRQ 18  
0000:01:00.3: ttyS1 at I/O 0x1020 (irq = 18) is a 16550A  
brd: module loaded  
pnp: the driver 'i8042 kbd' has been registered  
pnp: the driver 'i8042 aux' has been registered  
pnp: the driver 'i8042 kbd' has been unregistered  
pnp: the driver 'i8042 aux' has been unregistered  
PNP: No PS/2 controller found. Probing ports directly.  
serio: i8042 KBD port at 0x60,0x64 irq 1  
serio: i8042 AUX port at 0x60,0x64 irq 12  
mice: PS/2 mouse device common for all mice  
cpuidle: using governor ladder  
cpuidle: using governor menu  
TCP bic registered  
NET: Registered protocol family 17  
Freeing unused kernel memory: 368k freed  
processor ACPI0007:00: registered as cooling\_device0  
processor ACPI0007:01: registered as cooling\_device1  
e1000e: Intel(R) PRO/1000 Network Driver - 0.3.3.3-k2  
e1000e: Copyright (c) 1999-2008 Intel Corporation.  
e1000e 0000:01:00.0: PCI INT A -> GSI 16 (level, low) -> IRQ 16  
e1000e 0000:01:00.0: setting latency timer to 64  
USB Universal Host Controller Interface driver v3.0  
Uniform Multi-Platform E-IDE driver  
No dock devices found.  
SCSI subsystem initialized  
libata version 3.00 loaded.  
Floppy drive(s): fd0 is 1.44M  
eth0: (PCI Express:2.5GB/s:Width x1) 00:16:76:04:ff:09  
eth0: Intel(R) PRO/1000 Network Connection  
eth0: MAC: 2, PHY: 2, PBA No: ffffff-off  
uhci\_hcd 0000:00:1d.0: PCI INT A -> GSI 23 (level, low) -> IRQ 23  
uhci\_hcd 0000:00:1d.0: setting latency timer to 64  
uhci\_hcd 0000:00:1d.0: UHCI Host Controller  
uhci\_hcd 0000:00:1d.0: new USB bus registered, assigned bus number 1  
uhci\_hcd 0000:00:1d.0: irq 23, io base 0x00002080  
usb usb1: configuration #1 chosen from 1 choice  
hub 1-0:1.0: USB hub found  
hub 1-0:1.0: 2 ports detected  
FDC 0 is a post-1991 82077  
uhci\_hcd 0000:00:1d.1: PCI INT B -> GSI 19 (level, low) -> IRQ 19  
uhci\_hcd 0000:00:1d.1: setting latency timer to 64  
uhci\_hcd 0000:00:1d.1: UHCI Host Controller

[regression?] usb: new errors during device detection

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uhci\_hcd 0000:00:1d.1: new USB bus registered, assigned bus number 2  
uhci\_hcd 0000:00:1d.1: irq 19, io base 0x00002060  
usb usb2: configuration #1 chosen from 1 choice  
hub 2-0:1.0: USB hub found  
hub 2-0:1.0: 2 ports detected  
uhci\_hcd 0000:00:1d.2: PCI INT C -> GSI 18 (level, low) -> IRQ 18  
uhci\_hcd 0000:00:1d.2: setting latency timer to 64  
uhci\_hcd 0000:00:1d.2: UHCI Host Controller  
uhci\_hcd 0000:00:1d.2: new USB bus registered, assigned bus number 3  
uhci\_hcd 0000:00:1d.2: irq 18, io base 0x00002040  
usb usb3: configuration #1 chosen from 1 choice  
hub 3-0:1.0: USB hub found  
hub 3-0:1.0: 2 ports detected  
uhci\_hcd 0000:00:1d.3: PCI INT D -> GSI 16 (level, low) -> IRQ 16  
uhci\_hcd 0000:00:1d.3: setting latency timer to 64  
uhci\_hcd 0000:00:1d.3: UHCI Host Controller  
uhci\_hcd 0000:00:1d.3: new USB bus registered, assigned bus number 4  
uhci\_hcd 0000:00:1d.3: irq 16, io base 0x00002020  
usb usb4: configuration #1 chosen from 1 choice  
hub 4-0:1.0: USB hub found  
hub 4-0:1.0: 2 ports detected  
usb 3-1: new low speed USB device using uhci\_hcd and address 2  
ehci\_hcd 0000:00:1d.7: PCI INT A -> GSI 23 (level, low) -> IRQ 23  
ehci\_hcd 0000:00:1d.7: setting latency timer to 64  
ehci\_hcd 0000:00:1d.7: EHCI Host Controller  
ehci\_hcd 0000:00:1d.7: new USB bus registered, assigned bus number 5  
ehci\_hcd 0000:00:1d.7: debug port 1  
ehci\_hcd 0000:00:1d.7: cache line size of 128 is not supported  
ehci\_hcd 0000:00:1d.7: irq 23, io mem 0x902c4400  
ehci\_hcd 0000:00:1d.7: USB 2.0 started, EHCI 1.00, driver 10 Dec 2004  
usb usb5: configuration #1 chosen from 1 choice  
hub 5-0:1.0: USB hub found  
hub 5-0:1.0: 8 ports detected  
ahci 0000:00:1f.2: version 3.0  
ahci 0000:00:1f.2: PCI INT B -> GSI 19 (level, low) -> IRQ 19  
ahci 0000:00:1f.2: AHCI 0001.0100 32 slots 4 ports 3 Gbps 0xf impl SATA mode  
ahci 0000:00:1f.2: flags: 64bit ncq led clo pio slum part  
ahci 0000:00:1f.2: setting latency timer to 64  
scsi0 : ahci  
scsi1 : ahci  
scsi2 : ahci  
scsi3 : ahci  
ata1: SATA max UDMA/133 abar m1024@0x902c4000 port 0x902c4100 irq 218  
ata2: SATA max UDMA/133 abar m1024@0x902c4000 port 0x902c4180 irq 218  
ata3: SATA max UDMA/133 abar m1024@0x902c4000 port 0x902c4200 irq 218  
ata4: SATA max UDMA/133 abar m1024@0x902c4000 port 0x902c4280 irq 218  
usb 3-1: device not accepting address 2, error -71  
hub 3-0:1.0: unable to enumerate USB device on port 1  
ata1: SATA link up 1.5 Gbps (SStatus 113 SControl 300)  
ata1.00: ATA-7: HDT722516DLA380, V430A96A, max UDMA/133  
ata1.00: 321672960 sectors, multi 16: LBA48 NCQ (depth 31/32)

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```
ata1.00: configured for UDMA/133
ata2: SATA link down (SStatus 0 SControl 300)
usb 3-1: new low speed USB device using uhci_hcd and address 4
usb 3-1: configuration #1 chosen from 1 choice
usb 4-1: new low speed USB device using uhci_hcd and address 2
ata3: SATA link up 1.5 Gbps (SStatus 113 SControl 300)
ata3.00: ATAPI: Optiarc DVD RW AD-7170S, 1.00, max UDMA/66
ata3.00: configured for UDMA/66
usb 4-1: configuration #1 chosen from 1 choice
usbcore: registered new interface driver hiddev
input: USB Compliant Keyboard as /class/input/input0
input: USB HID v1.10 Keyboard [USB Compliant Keyboard] on usb-0000:00:1d.2-1
input: USB Compliant Keyboard as /class/input/input1
input: USB HID v1.10 Device [USB Compliant Keyboard] on usb-0000:00:1d.2-1
input: Logitech USB Receiver as /class/input/input2
input: USB HID v1.10 Mouse [Logitech USB Receiver] on usb-0000:00:1d.3-1
usbcore: registered new interface driver usbhid
usbhid: v2.6:USB HID core driver
ata4: SATA link down (SStatus 0 SControl 300)
scsi 0:0:0:0: Direct-Access ATA HDT722516DLA380 V430 PQ: 0 ANSI: 5
scsi 2:0:0:0: CD-ROM Optiarc DVD RW AD-7170S 1.00 PQ: 0 ANSI: 5
piix 0000:00:1f.1: IDE controller (0x8086:0x27df rev 0x01)
PIIX_IDE 0000:00:1f.1: PCI INT A -> GSI 18 (level, low) -> IRQ 18
piix 0000:00:1f.1: IDE port disabled
piix 0000:00:1f.1: not 100% native mode: will probe irqs later
ide0: BM-DMA at 0x20b0-0x20b7
Probing IDE interface ide0...
Driver 'sd' needs updating - please use bus_type methods
Driver 'sr' needs updating - please use bus_type methods
sd 0:0:0:0: [sda] 321672960 512-byte hardware sectors (164697 MB)
sd 0:0:0:0: [sda] Write Protect is off
sd 0:0:0:0: [sda] Mode Sense: 00 3a 00 00
sd 0:0:0:0: [sda] Write cache: enabled, read cache: enabled, doesn't support DPO or FUA
sd 0:0:0:0: [sda] 321672960 512-byte hardware sectors (164697 MB)
sd 0:0:0:0: [sda] Write Protect is off
sd 0:0:0:0: [sda] Mode Sense: 00 3a 00 00
sd 0:0:0:0: [sda] Write cache: enabled, read cache: enabled, doesn't support DPO or FUA
sda: sda1 sda2 < sda5 sda6 > sda3 sda4
sd 0:0:0:0: [sda] Attached SCSI disk
sr0: scsi3-mmc drive: 48x/48x writer dvd-ram cd/rw xa/form2 cdda tray
Uniform CD-ROM driver Revision: 3.20
sr 2:0:0:0: Attached scsi CD-ROM sr0
sd 0:0:0:0: Attached scsi generic sg0 type 0
sr 2:0:0:0: Attached scsi generic sg1 type 5
hda: LITE-ON DVD SOHD-16P9SV, ATAPI CD/DVD-ROM drive
hda: host max PIO4 wanted PIO255(auto-tune) selected PIO4
hda: UDMA/33 mode selected
ide0 at 0x1f0-0x1f7,0x3f6 on irq 14
hda: ATAPI 48X DVD-ROM drive, 254kB Cache
device-mapper: ioctl: 4.14.0-ioctl (2008-04-23) initialised: dm-devel@xxxxxxxxxxx
kjournald starting. Commit interval 5 seconds
```

[regression?] usb: new errors during device detection

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EXT3-fs: mounted filesystem with ordered data mode.  
udev version 125 started  
input: Power Button (FF) as /class/input/input3  
ACPI: Power Button (FF) [PWRF]  
input: Sleep Button (CM) as /class/input/input4  
ACPI: Sleep Button (CM) [SLPB]  
input: PC Speaker as /class/input/input5  
agpgart: Detected an Intel 945G Chipset.  
agpgart: Detected 7932K stolen memory.  
agpgart: AGP aperture is 256M @ 0x80000000  
iTCO\_wdt: Intel TCO WatchDog Timer Driver v1.03 (30-Apr-2008)  
iTCO\_wdt: Found a ICH7 or ICH7R TCO device (Version=2, TCOBASE=0x0460)  
iTCO\_wdt: initialized. heartbeat=30 sec (nowayout=0)  
intel\_rng: Firmware space is locked read-only. If you can't or  
intel\_rng: don't want to disable this in firmware setup, and if  
intel\_rng: you are certain that your system has a functional  
intel\_rng: RNG, try using the 'no\_fwh\_detect' option.  
intel\_rng: Firmware space is locked read-only. If you can't or  
intel\_rng: don't want to disable this in firmware setup, and if  
intel\_rng: you are certain that your system has a functional  
intel\_rng: RNG, try using the 'no\_fwh\_detect' option.  
pnp: the driver 'rtc\_cmos' has been registered  
rtc\_cmos 00:03: rtc core: registered rtc\_cmos as rtc0  
rtc0: alarms up to one month, hpet irq  
rtc\_cmos 00:03: driver attached  
i801\_smbus 0000:00:1f.3: PCI INT B -> GSI 19 (level, low) -> IRQ 19  
HDA Intel 0000:00:1b.0: PCI INT A -> GSI 22 (level, low) -> IRQ 22  
HDA Intel 0000:00:1b.0: setting latency timer to 64  
Adding 979924k swap on /dev/sda6. Priority:-1 extents:1 across:979924k  
EXT3 FS on dm-0, internal journal  
NET: Registered protocol family 10  
lo: Disabled Privacy Extensions  
i2c-adapter i2c-0: lm85: Detected SMSC chip  
i2c-adapter i2c-0: lm85: Unrecognized version/stepping 0x68 Defaulting to Generic LM85.  
fuse init (API version 7.9)  
kjournald starting. Commit interval 5 seconds  
EXT3 FS on sda1, internal journal  
EXT3-fs: mounted filesystem with ordered data mode.  
kjournald starting. Commit interval 5 seconds  
EXT3 FS on dm-2, internal journal  
EXT3-fs: mounted filesystem with ordered data mode.  
kjournald starting. Commit interval 5 seconds  
EXT3 FS on dm-4, internal journal  
EXT3-fs: mounted filesystem with ordered data mode.  
kjournald starting. Commit interval 5 seconds  
EXT3 FS on dm-1, internal journal  
EXT3-fs: mounted filesystem with ordered data mode.  
kjournald starting. Commit interval 5 seconds  
EXT3 FS on dm-3, internal journal  
EXT3-fs: mounted filesystem with ordered data mode.  
kjournald starting. Commit interval 5 seconds

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[regression?] usb: new errors during device detection

```
EXT3 FS on dm-7, internal journal
EXT3-fs: mounted filesystem with ordered data mode.
kjournald starting. Commit interval 5 seconds
EXT3 FS on dm-6, internal journal
EXT3-fs: mounted filesystem with ordered data mode.
kjournald starting. Commit interval 5 seconds
EXT3 FS on dm-5, internal journal
EXT3-fs: mounted filesystem with ordered data mode.
Bridge firewalling registered
br0: Dropping NETIF_F_UFO since no NETIF_F_HW_CSUM feature.
device eth0 entered promiscuous mode
ADDRCONF(NETDEV_UP): eth0: link is not ready
eth0: Link is Up 100 Mbps Full Duplex, Flow Control: RX/TX
eth0: 10/100 speed: disabling TSO
ADDRCONF(NETDEV_CHANGE): eth0: link becomes ready
br0: port 1(eth0) entering learning state
br0: topology change detected, propagating
br0: port 1(eth0) entering forwarding state
RPC: Registered udp transport module.
RPC: Registered tcp transport module.
br0: no IPv6 routers present
eth0: no IPv6 routers present
pnp: the driver 'parport_pc' has been registered
parport_pc 00:0a: reported by Plug and Play ACPI
parport0: PC-style at 0x378 (0x778), irq 7, using FIFO [PCSPP,TRISTATE,COMPAT,ECP]
parport0: Printer, HEWLETT-PACKARD PHOTOSMART P1100
parport_pc 00:0a: driver attached
lp0: using parport0 (interrupt-driven).
ppdev: user-space parallel port driver
tun: Universal TUN/TAP device driver, 1.6
tun: (C) 1999-2004 Max Krasnyansky <maxk@xxxxxxxxxxxx>
device vbox0 entered promiscuous mode
br0: port 2(vbox0) entering learning state
br0: topology change detected, propagating
br0: port 2(vbox0) entering forwarding state
[drm] Initialized drm 1.1.0 20060810
pci 0000:00:02.0: PCI INT A -> GSI 16 (level, low) -> IRQ 16
pci 0000:00:02.0: setting latency timer to 64
[drm] Initialized i915 1.6.0 20060119 on minor 0
vbox0: no IPv6 routers present
hda-intel: IRQ timing workaround is activated for card #0. Suggest a bigger bdl_pos_adj.
#
# Automatically generated make config: don't edit
# Linux kernel version: 2.6.27-rc1
# Thu Jul 31 18:02:41 2008
#
CONFIG_64BIT=y
# CONFIG_X86_32 is not set
CONFIG_X86_64=y
CONFIG_X86=y
CONFIG_ARCH_DEFCONFIG="arch/x86/configs/x86_64_defconfig"
```

[regression?] usb: new errors during device detection

[regression?] usb: new errors during device detection

```
# CONFIG_GENERIC_LOCKBREAK is not set
CONFIG_GENERIC_TIME=y
CONFIG_GENERIC_CMOS_UPDATE=y
CONFIG_CLOCKSOURCE_WATCHDOG=y
CONFIG_GENERIC_CLOCKEVENTS=y
CONFIG_GENERIC_CLOCKEVENTS_BROADCAST=y
CONFIG_LOCKDEP_SUPPORT=y
CONFIG_STACKTRACE_SUPPORT=y
CONFIG_HAVE_LATENCYTOP_SUPPORT=y
CONFIG_FAST_CMPXCHG_LOCAL=y
CONFIG_MMU=y
CONFIG_ZONE_DMA=y
CONFIG_GENERIC_ISA_DMA=y
CONFIG_GENERIC_IOMAP=y
CONFIG_GENERIC_BUG=y
CONFIG_GENERIC_HWEIGHT=y
# CONFIG_GENERIC_GPIO is not set
CONFIG_ARCH_MAY_HAVE_PC_FDC=y
CONFIG_RWSEM_GENERIC_SPINLOCK=y
# CONFIG_RWSEM_XCHGADD_ALGORITHM is not set
# CONFIG_ARCH_HAS_ILOG2_U32 is not set
# CONFIG_ARCH_HAS_ILOG2_U64 is not set
CONFIG_ARCH_HAS_CPU_IDLE_WAIT=y
CONFIG_GENERIC_CALIBRATE_DELAY=y
CONFIG_GENERIC_TIME_VSYSCALL=y
CONFIG_ARCH_HAS_CPU_RELAX=y
CONFIG_ARCH_HAS_CACHE_LINE_SIZE=y
CONFIG_HAVE_SETUP_PER_CPU_AREA=y
CONFIG_HAVE_CPUMASK_OF_CPU_MAP=y
CONFIG_ARCH_HIBERNATION_POSSIBLE=y
CONFIG_ARCH_SUSPEND_POSSIBLE=y
CONFIG_ZONE_DMA32=y
CONFIG_ARCH_POPULATES_NODE_MAP=y
CONFIG_AUDIT_ARCH=y
CONFIG_ARCH_SUPPORTS_AOUT=y
CONFIG_ARCH_SUPPORTS_OPTIMIZED_INLINING=y
CONFIG_GENERIC_HARDIRQS=y
CONFIG_GENERIC_IRQ_PROBE=y
CONFIG_GENERIC_PENDING_IRQ=y
CONFIG_X86_SMP=y
CONFIG_X86_64_SMP=y
CONFIG_X86_HT=y
CONFIG_X86_BIOS_REBOOT=y
CONFIG_X86_TRAMPOLINE=y
# CONFIG_KTIME_SCALAR is not set
CONFIG_DEFCONFIG_LIST="/lib/modules/$UNAME_RELEASE/.config"

#
# General setup
#
CONFIG_EXPERIMENTAL=y
```

[regression?] usb: new errors during device detection

[regression?] usb: new errors during device detection

```
CONFIG_LOCK_KERNEL=y
CONFIG_INIT_ENV_ARG_LIMIT=32
CONFIG_LOCALVERSION=""
# CONFIG_LOCALVERSION_AUTO is not set
CONFIG_SWAP=y
CONFIG_SYSVIPC=y
CONFIG_SYSVIPC_SYSCTL=y
CONFIG_POSIX_MQUEUE=y
CONFIG_BSD_PROCESS_ACCT=y
CONFIG_BSD_PROCESS_ACCT_V3=y
# CONFIG_TASKSTATS is not set
CONFIG_AUDIT=y
# CONFIG_AUDITSYSCALL is not set
CONFIG_IKCONFIG=y
CONFIG_IKCONFIG_PROC=y
CONFIG_LOG_BUF_SHIFT=16
# CONFIG_CGROUPS is not set
CONFIG_HAVE_UNSTABLE_SCHED_CLOCK=y
# CONFIG_GROUP_SCHED is not set
CONFIG_SYSFS_DEPRECATED=y
CONFIG_SYSFS_DEPRECATED_V2=y
# CONFIG_RELAY is not set
CONFIG_NAMESPACES=y
# CONFIG_UTS_NS is not set
# CONFIG_IPC_NS is not set
# CONFIG_USER_NS is not set
# CONFIG_PID_NS is not set
CONFIG_BLK_DEV_INITRD=y
CONFIG_INITRAMFS_SOURCE=""
CONFIG_CC_OPTIMIZE_FOR_SIZE=y
CONFIG_SYSCTL=y
# CONFIG_EMBEDDED is not set
CONFIG_UID16=y
CONFIG_SYSCTL_SYSCALL=y
CONFIG_SYSCTL_SYSCALL_CHECK=y
CONFIG_KALLSYMS=y
CONFIG_KALLSYMS_ALL=y
# CONFIG_KALLSYMS_EXTRA_PASS is not set
CONFIG_HOTPLUG=y
CONFIG_PRINTK=y
CONFIG_BUG=y
CONFIG_ELF_CORE=y
CONFIG_PCSPKR_PLATFORM=y
# CONFIG_COMPAT_BRK is not set
CONFIG_BASE_FULL=y
CONFIG_FUTEX=y
CONFIG_ANON_INODES=y
CONFIG_EPOLL=y
CONFIG_SIGNALFD=y
CONFIG_TIMERFD=y
CONFIG_EVENTFD=y
```

[regression?] usb: new errors during device detection

[regression?] usb: new errors during device detection

```
CONFIG_SHMEM=y
CONFIG_VM_EVENT_COUNTERS=y
CONFIG_SLUB_DEBUG=y
# CONFIG_SLAB is not set
CONFIG_SLUB=y
# CONFIG_SLOB is not set
# CONFIG_PROFILING is not set
CONFIG_MARKERS=y
CONFIG_HAVE_OPROFILE=y
# CONFIG_KPROBES is not set
CONFIG_HAVE_EFFICIENT_UNALIGNED_ACCESS=y
CONFIG_HAVE_IOREMAP_PROT=y
CONFIG_HAVE_KPROBES=y
CONFIG_HAVE_KRETPROBES=y
# CONFIG_HAVE_ARCH_TRACEHOOK is not set
# CONFIG_HAVE_DMA_ATTRS is not set
CONFIG_USE_GENERIC_SMP_HELPERS=y
# CONFIG_HAVE_CLK is not set
CONFIG_PROC_PAGE_MONITOR=y
# CONFIG_HAVE_GENERIC_DMA_COHERENT is not set
CONFIG_SLABINFO=y
CONFIG_RT_MUTEXES=y
# CONFIG_TINY_SHMEM is not set
CONFIG_BASE_SMALL=0
CONFIG_MODULES=y
# CONFIG_MODULE_FORCE_LOAD is not set
CONFIG_MODULE_UNLOAD=y
CONFIG_MODULE_FORCE_UNLOAD=y
CONFIG_MODVERSIONS=y
# CONFIG_MODULE_SRCVERSION_ALL is not set
CONFIG_KMOD=y
CONFIG_STOP_MACHINE=y
CONFIG_BLOCK=y
# CONFIG_BLK_DEV_IO_TRACE is not set
# CONFIG_BLK_DEV_BSG is not set
# CONFIG_BLK_DEV_INTEGRITY is not set
CONFIG_BLOCK_COMPAT=y

#
# IO Schedulers
#
CONFIG_IOSCHED_NOOP=y
CONFIG_IOSCHED_AS=y
CONFIG_IOSCHED_DEADLINE=y
CONFIG_IOSCHED_CFQ=y
# CONFIG_DEFAULT_AS is not set
# CONFIG_DEFAULT_DEADLINE is not set
CONFIG_DEFAULT_CFQ=y
# CONFIG_DEFAULT_NOOP is not set
CONFIG_DEFAULT_IOSCHED="cfq"
CONFIG_CLASSIC_RCU=y
```

[regression?] usb: new errors during device detection

```
#
# Processor type and features
#
CONFIG_TICK_ONESHOT=y
CONFIG_NO_HZ=y
CONFIG_HIGH_RES_TIMERS=y
CONFIG_GENERIC_CLOCKEVENTS_BUILD=y
CONFIG_SMP=y
CONFIG_X86_FIND_SMP_CONFIG=y
CONFIG_X86_MPPARSE=y
CONFIG_X86_PC=y
# CONFIG_X86_ELAN is not set
# CONFIG_X86_VOYAGER is not set
# CONFIG_X86_GENERICARCH is not set
# CONFIG_X86_VSMP is not set
# CONFIG_PARAVIRT_GUEST is not set
# CONFIG_MEMTEST is not set
# CONFIG_M386 is not set
# CONFIG_M486 is not set
# CONFIG_M586 is not set
# CONFIG_M586TSC is not set
# CONFIG_M586MMX is not set
# CONFIG_M686 is not set
# CONFIG_MPENTIUMII is not set
# CONFIG_MPENTIUMIII is not set
# CONFIG_MPENTIUMMM is not set
# CONFIG_MPENTIUM4 is not set
# CONFIG_MK6 is not set
# CONFIG_MK7 is not set
# CONFIG_MK8 is not set
# CONFIG_MCRUSOE is not set
# CONFIG_MEFFICEON is not set
# CONFIG_MWINCHIP6 is not set
# CONFIG_MWINCHIP2 is not set
# CONFIG_MWINCHIP3D is not set
# CONFIG_MGEODEGX1 is not set
# CONFIG_MGEODE_LX is not set
# CONFIG_MCYRIXIII is not set
# CONFIG_MVIAC3_2 is not set
# CONFIG_MVIAC7 is not set
# CONFIG_MPSC is not set
# CONFIG_MCORE2 is not set
CONFIG_GENERIC_CPU=y
CONFIG_X86_CPU=y
CONFIG_X86_L1_CACHE_BYTES=128
CONFIG_X86_INTERNODE_CACHE_BYTES=128
CONFIG_X86_CMPXCHG=y
CONFIG_X86_L1_CACHE_SHIFT=7
CONFIG_X86_WP_WORKS_OK=y
CONFIG_X86_TSC=y
```

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```
CONFIG_X86_CMPXCHG64=y
CONFIG_X86_CMOV=y
CONFIG_X86_MINIMUM_CPU_FAMILY=64
CONFIG_X86_DEBUGCTLMSR=y
CONFIG_HPET_TIMER=y
CONFIG_HPET_EMULATE_RTC=y
CONFIG_DMI=y
CONFIG_GART_IOMMU=y
CONFIG_CALGARY_IOMMU=y
CONFIG_CALGARY_IOMMU_ENABLED_BY_DEFAULT=y
# CONFIG_AMD_IOMMU is not set
CONFIG_SWIOTLB=y
CONFIG_IOMMU_HELPER=y
# CONFIG_MAXSMP is not set
CONFIG_NR_CPUS=8
CONFIG_SCHED_SMT=y
CONFIG_SCHED_MC=y
# CONFIG_PREEMPT_NONE is not set
CONFIG_PREEMPT_VOLUNTARY=y
# CONFIG_PREEMPT is not set
CONFIG_X86_LOCAL_APIC=y
CONFIG_X86_IO_APIC=y
CONFIG_X86_MCE=y
CONFIG_X86_MCE_INTEL=y
# CONFIG_X86_MCE_AMD is not set
# CONFIG_I8K is not set
CONFIG_MICROCODE=m
CONFIG_MICROCODE_OLD_INTERFACE=y
CONFIG_X86_MSR=m
CONFIG_X86_CPUID=m
CONFIG_NUMA=y
CONFIG_K8_NUMA=y
CONFIG_X86_64_ACPI_NUMA=y
CONFIG_NODES_SPAN_OTHER_NODES=y
# CONFIG_NUMA_EMU is not set
CONFIG_NODES_SHIFT=6
CONFIG_ARCH_SPARSEMEM_DEFAULT=y
CONFIG_ARCH_SPARSEMEM_ENABLE=y
CONFIG_ARCH_SELECT_MEMORY_MODEL=y
CONFIG_SELECT_MEMORY_MODEL=y
# CONFIG_FLATMEM_MANUAL is not set
# CONFIG_DISCONTIGMEM_MANUAL is not set
CONFIG_SPARSEMEM_MANUAL=y
CONFIG_SPARSEMEM=y
CONFIG_HAVE_GET_USER_PAGES_FAST=y
CONFIG_NEED_MULTIPLE_NODES=y
CONFIG_HAVE_MEMORY_PRESENT=y
# CONFIG_SPARSEMEM_STATIC is not set
CONFIG_SPARSEMEM_EXTREME=y
CONFIG_SPARSEMEM_VMEMMAP_ENABLE=y
CONFIG_SPARSEMEM_VMEMMAP=y
```

[regression?] usb: new errors during device detection

[regression?] usb: new errors during device detection

```
#
# Memory hotplug is currently incompatible with Software Suspend
#
CONFIG_PAGEFLAGS_EXTENDED=y
CONFIG_SPLIT_PTLOCK_CPUS=4
CONFIG_MIGRATION=y
CONFIG_RESOURCES_64BIT=y
CONFIG_ZONE_DMA_FLAG=1
CONFIG_BOUNCE=y
CONFIG_VIRT_TO_BUS=y
CONFIG_MTRR=y
# CONFIG_MTRR_SANITIZER is not set
CONFIG_X86_PAT=y
# CONFIG_EFI is not set
# CONFIG_SECCOMP is not set
# CONFIG_HZ_100 is not set
CONFIG_HZ_250=y
# CONFIG_HZ_300 is not set
# CONFIG_HZ_1000 is not set
CONFIG_HZ=250
CONFIG_SCHED_HRTICK=y
CONFIG_KEXEC=y
# CONFIG_CRASH_DUMP is not set
CONFIG_PHYSICAL_START=0x200000
# CONFIG_RELOCATABLE is not set
CONFIG_PHYSICAL_ALIGN=0x200000
CONFIG_HOTPLUG_CPU=y
# CONFIG_COMPAT_VDSO is not set
CONFIG_ARCH_ENABLE_MEMORY_HOTPLUG=y
CONFIG_HAVE_ARCH_EARLY_PFN_TO_NID=y
```

```
#
# Power management options
#
CONFIG_ARCH_HIBERNATION_HEADER=y
CONFIG_PM=y
# CONFIG_PM_DEBUG is not set
CONFIG_PM_SLEEP_SMP=y
CONFIG_PM_SLEEP=y
CONFIG_SUSPEND=y
CONFIG_SUSPEND_FREEZER=y
CONFIG_HIBERNATION=y
CONFIG_PM_STD_PARTITION=""
CONFIG_ACPI=y
CONFIG_ACPI_SLEEP=y
CONFIG_ACPI_PROCFS=y
CONFIG_ACPI_PROCFS_POWER=y
CONFIG_ACPI_SYSFS_POWER=y
CONFIG_ACPI_PROC_EVENT=y
CONFIG_ACPI_AC=m
```

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[regression?] usb: new errors during device detection

```
CONFIG_ACPI_BATTERY=m
CONFIG_ACPI_BUTTON=m
CONFIG_ACPI_VIDEO=m
CONFIG_ACPI_FAN=m
CONFIG_ACPI_DOCK=m
# CONFIG_ACPI_BAY is not set
CONFIG_ACPI_PROCESSOR=m
CONFIG_ACPI_HOTPLUG_CPU=y
CONFIG_ACPI_THERMAL=m
CONFIG_ACPI_NUMA=y
# CONFIG_ACPI_WMI is not set
CONFIG_ACPI_ASUS=m
CONFIG_ACPI_TOSHIBA=m
# CONFIG_ACPI_CUSTOM_DSDT is not set
CONFIG_ACPI_BLACKLIST_YEAR=0
# CONFIG_ACPI_DEBUG is not set
CONFIG_ACPI_EC=y
# CONFIG_ACPI_PCI_SLOT is not set
CONFIG_ACPI_POWER=y
CONFIG_ACPI_SYSTEM=y
CONFIG_X86_PM_TIMER=y
CONFIG_ACPI_CONTAINER=m
CONFIG_ACPI_SBS=m

#
# CPU Frequency scaling
#
CONFIG_CPU_FREQ=y
CONFIG_CPU_FREQ_TABLE=y
# CONFIG_CPU_FREQ_DEBUG is not set
CONFIG_CPU_FREQ_STAT=m
# CONFIG_CPU_FREQ_STAT_DETAILS is not set
# CONFIG_CPU_FREQ_DEFAULT_GOV_PERFORMANCE is not set
# CONFIG_CPU_FREQ_DEFAULT_GOV_POWERSAVE is not set
# CONFIG_CPU_FREQ_DEFAULT_GOV_USERSPACE is not set
CONFIG_CPU_FREQ_DEFAULT_GOV_ONDEMAND=y
# CONFIG_CPU_FREQ_DEFAULT_GOV_CONSERVATIVE is not set
CONFIG_CPU_FREQ_GOV_PERFORMANCE=y
CONFIG_CPU_FREQ_GOV_POWERSAVE=m
CONFIG_CPU_FREQ_GOV_USERSPACE=m
CONFIG_CPU_FREQ_GOV_ONDEMAND=y
CONFIG_CPU_FREQ_GOV_CONSERVATIVE=m

#
# CPUFreq processor drivers
#
CONFIG_X86_ACPI_CPUFREQ=m
# CONFIG_X86_POWERNOW_K8 is not set
CONFIG_X86_SPEEDSTEP_CENTRINO=m
# CONFIG_X86_P4_CLOCKMOD is not set
```

[regression?] usb: new errors during device detection

[regression?] usb: new errors during device detection

```
#
# shared options
#
# CONFIG_X86_ACPI_CPUFREQ_PROC_INTF is not set
# CONFIG_X86_SPEEDSTEP_LIB is not set
CONFIG_CPU_IDLE=y
CONFIG_CPU_IDLE_GOV_LADDER=y
CONFIG_CPU_IDLE_GOV_MENU=y

#
# Bus options (PCI etc.)
#
CONFIG_PCI=y
CONFIG_PCI_DIRECT=y
CONFIG_PCI_MMCONFIG=y
CONFIG_PCI_DOMAINS=y
# CONFIG_DMAR is not set
CONFIG_PCIEPORTBUS=y
CONFIG_HOTPLUG_PCI_PCIE=m
CONFIG_PCIEAER=y
# CONFIG_PCIEASPM is not set
CONFIG_ARCH_SUPPORTS_MSI=y
CONFIG_PCI_MSI=y
CONFIG_PCI_LEGACY=y
# CONFIG_PCI_DEBUG is not set
CONFIG_HT_IRQ=y
CONFIG_ISA_DMA_API=y
CONFIG_K8_NB=y
# CONFIG_PCCARD is not set
CONFIG_HOTPLUG_PCI=m
CONFIG_HOTPLUG_PCI_FAKE=m
CONFIG_HOTPLUG_PCI_ACPI=m
CONFIG_HOTPLUG_PCI_ACPI_IBM=m
CONFIG_HOTPLUG_PCI_CPCI=y
CONFIG_HOTPLUG_PCI_CPCI_ZT5550=m
CONFIG_HOTPLUG_PCI_CPCI_GENERIC=m
CONFIG_HOTPLUG_PCI_SHPC=m

#
# Executable file formats / Emulations
#
CONFIG_BINFORMAT_ELF=y
CONFIG_COMPAT_BINFORMAT_ELF=y
CONFIG_BINFORMAT_MISC=m
CONFIG_IA32_EMULATION=y
CONFIG_IA32_AOUT=y
CONFIG_COMPAT=y
CONFIG_COMPAT_FOR_U64_ALIGNMENT=y
CONFIG_SYSVIPC_COMPAT=y
CONFIG_NET=y
```

[regression?] usb: new errors during device detection

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```
#
# Networking options
#
CONFIG_PACKET=y
CONFIG_PACKET_MMAP=y
CONFIG_UNIX=y
CONFIG_XFRM=y
CONFIG_XFRM_USER=m
# CONFIG_XFRM_SUB_POLICY is not set
# CONFIG_XFRM_MIGRATE is not set
# CONFIG_XFRM_STATISTICS is not set
CONFIG_XFRM_IPCOMP=m
CONFIG_NET_KEY=m
# CONFIG_NET_KEY_MIGRATE is not set
CONFIG_INET=y
CONFIG_IP_MULTICAST=y
CONFIG_IP_ADVANCED_ROUTER=y
CONFIG_ASK_IP_FIB_HASH=y
# CONFIG_IP_FIB_TRIE is not set
CONFIG_IP_FIB_HASH=y
CONFIG_IP_MULTIPLE_TABLES=y
CONFIG_IP_ROUTE_MULTIPATH=y
CONFIG_IP_ROUTE_VERBOSE=y
# CONFIG_IP_PNP is not set
CONFIG_NET_IPIP=m
CONFIG_NET_IPGRE=m
CONFIG_NET_IPGRE_BROADCAST=y
CONFIG_IP_MROUTE=y
CONFIG_IP_PIMSM_V1=y
CONFIG_IP_PIMSM_V2=y
# CONFIG_ARPD is not set
CONFIG_SYN_COOKIES=y
CONFIG_INET_AH=m
CONFIG_INET_ESP=m
CONFIG_INET_IPCOMP=m
CONFIG_INET_XFRM_TUNNEL=m
CONFIG_INET_TUNNEL=m
CONFIG_INET_XFRM_MODE_TRANSPORT=m
CONFIG_INET_XFRM_MODE_TUNNEL=m
CONFIG_INET_XFRM_MODE_BEET=m
CONFIG_INET_LRO=m
CONFIG_INET_DIAG=m
CONFIG_INET_TCP_DIAG=m
CONFIG_TCP_CONG_ADVANCED=y
CONFIG_TCP_CONG_BIC=y
CONFIG_TCP_CONG_CUBIC=m
CONFIG_TCP_CONG_WESTWOOD=m
CONFIG_TCP_CONG_HTCP=m
CONFIG_TCP_CONG_HSTCP=m
CONFIG_TCP_CONG_HYBLA=m
CONFIG_TCP_CONG_VEGAS=m
```

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```
CONFIG_TCP_CONG_SCALABLE=m
CONFIG_TCP_CONG_LP=m
CONFIG_TCP_CONG_VENO=m
CONFIG_TCP_CONG_YEAH=m
CONFIG_TCP_CONG_ILLINOIS=m
CONFIG_DEFAULT_BIC=y
# CONFIG_DEFAULT_CUBIC is not set
# CONFIG_DEFAULT_HTCP is not set
# CONFIG_DEFAULT_VEGAS is not set
# CONFIG_DEFAULT_WESTWOOD is not set
# CONFIG_DEFAULT_RENO is not set
CONFIG_DEFAULT_TCP_CONG="bic"
# CONFIG_TCP_MD5SIG is not set
CONFIG_IP_VS=m
# CONFIG_IP_VS_DEBUG is not set
CONFIG_IP_VS_TAB_BITS=12

#
# IPVS transport protocol load balancing support
#
CONFIG_IP_VS_PROTO_TCP=y
CONFIG_IP_VS_PROTO_UDP=y
CONFIG_IP_VS_PROTO_ESP=y
CONFIG_IP_VS_PROTO_AH=y

#
# IPVS scheduler
#
CONFIG_IP_VS_RR=m
CONFIG_IP_VS_WRR=m
CONFIG_IP_VS_LC=m
CONFIG_IP_VS_WLC=m
CONFIG_IP_VS_LBLC=m
CONFIG_IP_VS_LBLCR=m
CONFIG_IP_VS_DH=m
CONFIG_IP_VS_SH=m
CONFIG_IP_VS_SED=m
CONFIG_IP_VS_NQ=m

#
# IPVS application helper
#
CONFIG_IP_VS_FTP=m
CONFIG_IPV6=m
CONFIG_IPV6_PRIVACY=y
# CONFIG_IPV6_ROUTER_PREF is not set
# CONFIG_IPV6_OPTIMISTIC_DAD is not set
CONFIG_INET6_AH=m
CONFIG_INET6_ESP=m
CONFIG_INET6_IPCOMP=m
# CONFIG_IPV6_MIP6 is not set
```

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```
CONFIG_INET6_XFRM_TUNNEL=m
CONFIG_INET6_TUNNEL=m
CONFIG_INET6_XFRM_MODE_TRANSPORT=m
CONFIG_INET6_XFRM_MODE_TUNNEL=m
CONFIG_INET6_XFRM_MODE_BEET=m
CONFIG_INET6_XFRM_MODE_ROUTEOPTIMIZATION=m
CONFIG_IPV6_SIT=m
CONFIG_IPV6_NDISC_NODETYPE=y
CONFIG_IPV6_TUNNEL=m
# CONFIG_IPV6_MULTIPLE_TABLES is not set
# CONFIG_IPV6_MROUTE is not set
# CONFIG_NETLABEL is not set
CONFIG_NETWORK_SECMARK=y
CONFIG_NETFILTER=y
# CONFIG_NETFILTER_DEBUG is not set
CONFIG_NETFILTER_ADVANCED=y
CONFIG_BRIDGE_NETFILTER=y
```

```
#
# Core Netfilter Configuration
#
CONFIG_NETFILTER_NETLINK=m
CONFIG_NETFILTER_NETLINK_QUEUE=m
CONFIG_NETFILTER_NETLINK_LOG=m
CONFIG_NF_CONNTRACK=m
CONFIG_NF_CT_ACCT=y
CONFIG_NF_CONNTRACK_MARK=y
CONFIG_NF_CONNTRACK_SECMARK=y
CONFIG_NF_CONNTRACK_EVENTS=y
# CONFIG_NF_CT_PROTO_DCCP is not set
CONFIG_NF_CT_PROTO_GRE=m
CONFIG_NF_CT_PROTO_SCTP=m
# CONFIG_NF_CT_PROTO_UDPLITE is not set
CONFIG_NF_CONNTRACK_AMANDA=m
CONFIG_NF_CONNTRACK_FTP=m
CONFIG_NF_CONNTRACK_H323=m
CONFIG_NF_CONNTRACK_IRC=m
CONFIG_NF_CONNTRACK_NETBIOS_NS=m
CONFIG_NF_CONNTRACK_PPTP=m
CONFIG_NF_CONNTRACK_SANE=m
CONFIG_NF_CONNTRACK_SIP=m
CONFIG_NF_CONNTRACK_TFTP=m
CONFIG_NF_CT_NETLINK=m
CONFIG_NETFILTER_XTABLES=m
CONFIG_NETFILTER_XT_TARGET_CLASSIFY=m
CONFIG_NETFILTER_XT_TARGET_CONNMARK=m
CONFIG_NETFILTER_XT_TARGET_DSCP=m
CONFIG_NETFILTER_XT_TARGET_MARK=m
CONFIG_NETFILTER_XT_TARGET_NFQUEUE=m
CONFIG_NETFILTER_XT_TARGET_NFLOG=m
CONFIG_NETFILTER_XT_TARGET_NOTRACK=m
```

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```
CONFIG_NETFILTER_XT_TARGET_RATEEST=m
CONFIG_NETFILTER_XT_TARGET_TRACE=m
CONFIG_NETFILTER_XT_TARGET_SECMARK=m
CONFIG_NETFILTER_XT_TARGET_CONNSECMARK=m
CONFIG_NETFILTER_XT_TARGET_TCPMSS=m
CONFIG_NETFILTER_XT_TARGET_TCPOPTSTRIP=m
CONFIG_NETFILTER_XT_MATCH_COMMENT=m
CONFIG_NETFILTER_XT_MATCH_CONNBYTES=m
CONFIG_NETFILTER_XT_MATCH_CONNLIMIT=m
CONFIG_NETFILTER_XT_MATCH_CONNMARK=m
CONFIG_NETFILTER_XT_MATCH_CONNTRACK=m
CONFIG_NETFILTER_XT_MATCH_DCCP=m
CONFIG_NETFILTER_XT_MATCH_DSCP=m
CONFIG_NETFILTER_XT_MATCH_ESP=m
CONFIG_NETFILTER_XT_MATCH_HELPER=m
CONFIG_NETFILTER_XT_MATCH_IPRANGE=m
CONFIG_NETFILTER_XT_MATCH_LENGTH=m
CONFIG_NETFILTER_XT_MATCH_LIMIT=m
CONFIG_NETFILTER_XT_MATCH_MAC=m
CONFIG_NETFILTER_XT_MATCH_MARK=m
CONFIG_NETFILTER_XT_MATCH_OWNER=m
CONFIG_NETFILTER_XT_MATCH_POLICY=m
CONFIG_NETFILTER_XT_MATCH_MULTIPORT=m
CONFIG_NETFILTER_XT_MATCH_PHYSDEV=m
CONFIG_NETFILTER_XT_MATCH_PKTTYPE=m
CONFIG_NETFILTER_XT_MATCH_QUOTA=m
CONFIG_NETFILTER_XT_MATCH_RATEEST=m
CONFIG_NETFILTER_XT_MATCH_REALM=m
CONFIG_NETFILTER_XT_MATCH_SCTP=m
CONFIG_NETFILTER_XT_MATCH_STATE=m
CONFIG_NETFILTER_XT_MATCH_STATISTIC=m
CONFIG_NETFILTER_XT_MATCH_STRING=m
CONFIG_NETFILTER_XT_MATCH_TCPMSS=m
CONFIG_NETFILTER_XT_MATCH_TIME=m
CONFIG_NETFILTER_XT_MATCH_U32=m
CONFIG_NETFILTER_XT_MATCH_HASHLIMIT=m
```

#

# IP: Netfilter Configuration

#

```
CONFIG_NF_CONNTRACK_IPV4=m
CONFIG_NF_CONNTRACK_PROC_COMPAT=y
CONFIG_IP_NF_QUEUE=m
CONFIG_IP_NF_IPTABLES=m
CONFIG_IP_NF_MATCH_RECENT=m
CONFIG_IP_NF_MATCH_ECN=m
CONFIG_IP_NF_MATCH_AH=m
CONFIG_IP_NF_MATCH_TTL=m
CONFIG_IP_NF_MATCH_ADDRTYPE=m
CONFIG_IP_NF_FILTER=m
CONFIG_IP_NF_TARGET_REJECT=m
```

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```
CONFIG_IP_NF_TARGET_LOG=m
CONFIG_IP_NF_TARGET_ULOG=m
CONFIG_NF_NAT=m
CONFIG_NF_NAT_NEEDED=y
CONFIG_IP_NF_TARGET_MASQUERADE=m
CONFIG_IP_NF_TARGET_REDIRECT=m
CONFIG_IP_NF_TARGET_NETMAP=m
CONFIG_NF_NAT_SNMP_BASIC=m
CONFIG_NF_NAT_PROTO_GRE=m
CONFIG_NF_NAT_PROTO_SCTP=m
CONFIG_NF_NAT_FTP=m
CONFIG_NF_NAT_IRC=m
CONFIG_NF_NAT_TFTP=m
CONFIG_NF_NAT_AMANDA=m
CONFIG_NF_NAT_PPTP=m
CONFIG_NF_NAT_H323=m
CONFIG_NF_NAT_SIP=m
CONFIG_IP_NF_MANGLE=m
CONFIG_IP_NF_TARGET_ECN=m
CONFIG_IP_NF_TARGET_TTL=m
CONFIG_IP_NF_TARGET_CLUSTERIP=m
CONFIG_IP_NF_RAW=m
# CONFIG_IP_NF_SECURITY is not set
CONFIG_IP_NF_ARPTABLES=m
CONFIG_IP_NF_ARPFILTER=m
CONFIG_IP_NF_ARP_MANGLE=m
```

```
#
# IPv6: Netfilter Configuration
#
CONFIG_NF_CONNTRACK_IPV6=m
CONFIG_IP6_NF_QUEUE=m
CONFIG_IP6_NF_IPTABLES=m
CONFIG_IP6_NF_MATCH_RT=m
CONFIG_IP6_NF_MATCH_OPTS=m
CONFIG_IP6_NF_MATCH_FRAG=m
CONFIG_IP6_NF_MATCH_HL=m
CONFIG_IP6_NF_MATCH_IPV6HEADER=m
CONFIG_IP6_NF_MATCH_AH=m
CONFIG_IP6_NF_MATCH_MH=m
CONFIG_IP6_NF_MATCH_EUI64=m
CONFIG_IP6_NF_FILTER=m
CONFIG_IP6_NF_TARGET_LOG=m
CONFIG_IP6_NF_TARGET_REJECT=m
CONFIG_IP6_NF_MANGLE=m
CONFIG_IP6_NF_TARGET_HL=m
CONFIG_IP6_NF_RAW=m
# CONFIG_IP6_NF_SECURITY is not set
```

```
#
# Bridge: Netfilter Configuration
```

[regression?] usb: new errors during device detection

[regression?] usb: new errors during device detection

```
#
CONFIG_BRIDGE_NF_EBTABLES=m
CONFIG_BRIDGE_EBT_BROUTE=m
CONFIG_BRIDGE_EBT_T_FILTER=m
CONFIG_BRIDGE_EBT_T_NAT=m
CONFIG_BRIDGE_EBT_802_3=m
CONFIG_BRIDGE_EBT_AMONG=m
CONFIG_BRIDGE_EBT_ARP=m
CONFIG_BRIDGE_EBT_IP=m
# CONFIG_BRIDGE_EBT_IP6 is not set
CONFIG_BRIDGE_EBT_LIMIT=m
CONFIG_BRIDGE_EBT_MARK=m
CONFIG_BRIDGE_EBT_PKTTYPE=m
CONFIG_BRIDGE_EBT_STP=m
CONFIG_BRIDGE_EBT_VLAN=m
CONFIG_BRIDGE_EBT_ARPREPLY=m
CONFIG_BRIDGE_EBT_DNAT=m
CONFIG_BRIDGE_EBT_MARK_T=m
CONFIG_BRIDGE_EBT_REDIRECT=m
CONFIG_BRIDGE_EBT_SNAT=m
CONFIG_BRIDGE_EBT_LOG=m
CONFIG_BRIDGE_EBT_ULOG=m
# CONFIG_BRIDGE_EBT_NFLOG is not set
CONFIG_IP_DCCP=m
CONFIG_INET_DCCP_DIAG=m
CONFIG_IP_DCCP_ACKVEC=y

#
# DCCP CCIDs Configuration (EXPERIMENTAL)
#
CONFIG_IP_DCCP_CCID2=m
# CONFIG_IP_DCCP_CCID2_DEBUG is not set
CONFIG_IP_DCCP_CCID3=m
# CONFIG_IP_DCCP_CCID3_DEBUG is not set
CONFIG_IP_DCCP_CCID3_RTO=100
CONFIG_IP_DCCP_TFRC_LIB=m

#
# DCCP Kernel Hacking
#
# CONFIG_IP_DCCP_DEBUG is not set
CONFIG_IP_SCTP=m
# CONFIG_SCTP_DBG_MSG is not set
# CONFIG_SCTP_DBG_OBJCNT is not set
# CONFIG_SCTP_HMAC_NONE is not set
# CONFIG_SCTP_HMAC_SHA1 is not set
CONFIG_SCTP_HMAC_MD5=y
# CONFIG_TIPC is not set
# CONFIG_ATM is not set
CONFIG_STP=m
CONFIG_BRIDGE=m
```

[regression?] usb: new errors during device detection

[regression?] usb: new errors during device detection

```
CONFIG_VLAN_8021Q=m
# CONFIG_VLAN_8021Q_GVRP is not set
# CONFIG_DECNET is not set
CONFIG_LLC=m
# CONFIG_LLC2 is not set
# CONFIG_IPX is not set
# CONFIG_ATALK is not set
# CONFIG_X25 is not set
# CONFIG_LAPB is not set
# CONFIG_ECONET is not set
# CONFIG_WAN_ROUTER is not set
CONFIG_NET_SCHED=y
```

```
#
# Queueing/Scheduling
#
CONFIG_NET_SCH_CBQ=m
CONFIG_NET_SCH_HTB=m
CONFIG_NET_SCH_HFSC=m
CONFIG_NET_SCH_PRIO=m
CONFIG_NET_SCH_RED=m
CONFIG_NET_SCH_SFQ=m
CONFIG_NET_SCH_TEQL=m
CONFIG_NET_SCH_TBF=m
CONFIG_NET_SCH_GRED=m
CONFIG_NET_SCH_DSMARK=m
CONFIG_NET_SCH_NETEM=m
CONFIG_NET_SCH_INGRESS=m
```

```
#
# Classification
#
CONFIG_NET_CLS=y
CONFIG_NET_CLS_BASIC=m
CONFIG_NET_CLS_TCINDEX=m
CONFIG_NET_CLS_ROUTE4=m
CONFIG_NET_CLS_ROUTE=y
CONFIG_NET_CLS_FW=m
CONFIG_NET_CLS_U32=m
CONFIG_CLS_U32_PERF=y
CONFIG_CLS_U32_MARK=y
CONFIG_NET_CLS_RSVP=m
CONFIG_NET_CLS_RSVP6=m
# CONFIG_NET_CLS_FLOW is not set
CONFIG_NET_EMATCH=y
CONFIG_NET_EMATCH_STACK=32
CONFIG_NET_EMATCH_CMP=m
CONFIG_NET_EMATCH_NBYTE=m
CONFIG_NET_EMATCH_U32=m
CONFIG_NET_EMATCH_META=m
CONFIG_NET_EMATCH_TEXT=m
```

[regression?] usb: new errors during device detection

[regression?] usb: new errors during device detection

```
CONFIG_NET_CLS_ACT=y
CONFIG_NET_ACT_POLICE=m
CONFIG_NET_ACT_GACT=m
CONFIG_GACT_PROB=y
CONFIG_NET_ACT_MIRRED=m
CONFIG_NET_ACT_IPT=m
CONFIG_NET_ACT_NAT=m
CONFIG_NET_ACT_PEDIT=m
CONFIG_NET_ACT_SIMP=m
CONFIG_NET_CLS_IND=y
CONFIG_NET_SCH_FIFO=y

#
# Network testing
#
CONFIG_NET_PKTGEN=m
# CONFIG_HAMRADIO is not set
# CONFIG_CAN is not set
# CONFIG_IRDA is not set
# CONFIG_BT is not set
CONFIG_AF_RXRPC=m
# CONFIG_AF_RXRPC_DEBUG is not set
CONFIG_RXKAD=m
CONFIG_FIB_RULES=y

#
# Wireless
#
# CONFIG_CFG80211 is not set
# CONFIG_WIRELESS_EXT is not set
# CONFIG_MAC80211 is not set
# CONFIG_IEEE80211 is not set
CONFIG_RFKILL=m
CONFIG_RFKILL_INPUT=m
CONFIG_RFKILL_LEDS=y
# CONFIG_NET_9P is not set

#
# Device Drivers
#

#
# Generic Driver Options
#
CONFIG_UEVENT_HELPER_PATH="/sbin/hotplug"
CONFIG_STANDALONE=y
CONFIG_PREVENT_FIRMWARE_BUILD=y
CONFIG_FW_LOADER=y
CONFIG_FIRMWARE_IN_KERNEL=y
CONFIG_EXTRA_FIRMWARE=""
# CONFIG_DEBUG_DRIVER is not set
```

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```
# CONFIG_DEBUG_DEVRES is not set
# CONFIG_SYS_HYPERVISOR is not set
CONFIG_CONNECTOR=m
CONFIG_MTD=m
# CONFIG_MTD_DEBUG is not set
CONFIG_MTD_CONCAT=m
CONFIG_MTD_PARTITIONS=y
CONFIG_MTD_REDBOOT_PARTS=m
CONFIG_MTD_REDBOOT_DIRECTORY_BLOCK=-1
# CONFIG_MTD_REDBOOT_PARTS_UNALLOCATED is not set
# CONFIG_MTD_REDBOOT_PARTS_READONLY is not set
# CONFIG_MTD_AR7_PARTS is not set
```

```
#
# User Modules And Translation Layers
```

```
#
CONFIG_MTD_CHAR=m
CONFIG_MTD_BLKDEVS=m
CONFIG_MTD_BLOCK=m
CONFIG_MTD_BLOCK_RO=m
CONFIG_FTL=m
CONFIG_NFTL=m
CONFIG_NFTL_RW=y
CONFIG_INFTL=m
CONFIG_RFD_FTL=m
CONFIG_SSFDC=m
# CONFIG_MTD_OOPS is not set
```

```
#
# RAM/ROM/Flash chip drivers
```

```
#
CONFIG_MTD_CFI=m
CONFIG_MTD_JEDECPROBE=m
CONFIG_MTD_GEN_PROBE=m
# CONFIG_MTD_CFI_ADV_OPTIONS is not set
CONFIG_MTD_MAP_BANK_WIDTH_1=y
CONFIG_MTD_MAP_BANK_WIDTH_2=y
CONFIG_MTD_MAP_BANK_WIDTH_4=y
# CONFIG_MTD_MAP_BANK_WIDTH_8 is not set
# CONFIG_MTD_MAP_BANK_WIDTH_16 is not set
# CONFIG_MTD_MAP_BANK_WIDTH_32 is not set
CONFIG_MTD_CFI_I1=y
CONFIG_MTD_CFI_I2=y
# CONFIG_MTD_CFI_I4 is not set
# CONFIG_MTD_CFI_I8 is not set
CONFIG_MTD_CFI_INTELEXT=m
CONFIG_MTD_CFI_AMDSTD=m
CONFIG_MTD_CFI_STAA=m
CONFIG_MTD_CFI_UTIL=m
CONFIG_MTD_RAM=m
CONFIG_MTD_ROM=m
```

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```
CONFIG_MTD_ABSENT=m

#
# Mapping drivers for chip access
#
CONFIG_MTD_COMPLEX_MAPPINGS=y
CONFIG_MTD_PHYSMAP=m
CONFIG_MTD_PHYSMAP_START=0x8000000
CONFIG_MTD_PHYSMAP_LEN=0x4000000
CONFIG_MTD_PHYSMAP_BANKWIDTH=2
CONFIG_MTD_SC520CDP=m
CONFIG_MTD_NETSC520=m
CONFIG_MTD_TS5500=m
CONFIG_MTD_SBC_GXX=m
# CONFIG_MTD_AMD76XR0M is not set
# CONFIG_MTD_ICHXR0M is not set
# CONFIG_MTD_ESB2R0M is not set
# CONFIG_MTD_CK804XR0M is not set
# CONFIG_MTD_SCB2_FLASH is not set
CONFIG_MTD_NETtel=m
CONFIG_MTD_DILNETPC=m
CONFIG_MTD_DILNETPC_BOOTSIZE=0x8000# CONFIG_SYSPROF_TRACER is not set
# CONFIG_SCHED_TRACER is not set
# CONFIG_CONTEXT_SWITCH_TRACER is not set
# CONFIG_PROVIDE_OHCI1394_DMA_INIT is not set
# CONFIG_FIREWIRE_OHCI_REMOTE_DMA is not set
# CONFIG_SAMPLES is not set
CONFIG_HAVE_ARCH_KGDB=y
# CONFIG_KGDB is not set
CONFIG_STRICT_DEVMEM=y
CONFIG_X86_VERBOSE_BOOTUP=y
CONFIG_EARLY_PRINTK=y
# CONFIG_DEBUG_STACKOVERFLOW is not set
# CONFIG_DEBUG_STACK_USAGE is not set
# CONFIG_DEBUG_PAGEALLOC is not set
# CONFIG_DEBUG_PER_CPU_MAPS is not set
# CONFIG_X86_PTDUMP is not set
# CONFIG_DEBUG_RODATA is not set
# CONFIG_DIRECT_GBPPAGES is not set
# CONFIG_DEBUG_NX_TEST is not set
# CONFIG_IOMMU_DEBUG is not set
# CONFIG_MMIOTRACE is not set
CONFIG_IO_DELAY_TYPE_0X80=0
CONFIG_IO_DELAY_TYPE_0XED=1
CONFIG_IO_DELAY_TYPE_UDELAY=2
CONFIG_IO_DELAY_TYPE_NONE=3
CONFIG_IO_DELAY_0X80=y
# CONFIG_IO_DELAY_0XED is not set
# CONFIG_IO_DELAY_UDELAY is not set
# CONFIG_IO_DELAY_NONE is not set
CONFIG_DEFAULT_IO_DELAY_TYPE=0
```

[regression?] usb: new errors during device detection

[regression?] usb: new errors during device detection

```
# CONFIG_DEBUG_BOOT_PARAMS is not set
# CONFIG_CPA_DEBUG is not set
CONFIG_OPTIMIZE_INLINING=y

#
# Security options
#
CONFIG_KEYS=y
# CONFIG_KEYS_DEBUG_PROC_KEYS is not set
CONFIG_SECURITY=y
CONFIG_SECURITY_NETWORK=y
CONFIG_SECURITY_NETWORK_XFRM=y
# CONFIG_SECURITY_FILE_CAPABILITIES is not set
# CONFIG_SECURITY_ROOTPLUG is not set
CONFIG_SECURITY_DEFAULT_MMAP_MIN_ADDR=0
CONFIG_SECURITY_SELINUX=y
CONFIG_SECURITY_SELINUX_BOOTPARAM=y
CONFIG_SECURITY_SELINUX_BOOTPARAM_VALUE=0
CONFIG_SECURITY_SELINUX_DISABLE=y
CONFIG_SECURITY_SELINUX_DEVELOP=y
CONFIG_SECURITY_SELINUX_AVC_STATS=y
CONFIG_SECURITY_SELINUX_CHECKREQPROT_VALUE=1
# CONFIG_SECURITY_SELINUX_ENABLE_SECMARK_DEFAULT is not set
# CONFIG_SECURITY_SELINUX_POLICYDB_VERSION_MAX is not set
CONFIG_XOR_BLOCKS=m
CONFIG_ASYNC_CORE=m
CONFIG_ASYNC_MEMCPY=m
CONFIG_ASYNC_XOR=m
CONFIG_CRYPTO=y

#
# Crypto core or helper
#
CONFIG_CRYPTO_ALGAPI=y
CONFIG_CRYPTO_AEAD=m
CONFIG_CRYPTO_BLKCRYPTO=m
CONFIG_CRYPTO_HASH=y
CONFIG_CRYPTO_MANAGER=y
CONFIG_CRYPTO_GF128MUL=m
CONFIG_CRYPTO_NULL=m
# CONFIG_CRYPTO_CRYPTD is not set
CONFIG_CRYPTO_AUTHENC=m
CONFIG_CRYPTO_TEST=m

#
# Authenticated Encryption with Associated Data
#
# CONFIG_CRYPTO_CCM is not set
# CONFIG_CRYPTO_GCM is not set
# CONFIG_CRYPTO_SEQIV is not set
```

[regression?] usb: new errors during device detection

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```
#
# Block modes
#
CONFIG_CRYPTOCBC=m
# CONFIG_CRYPTOCTR is not set
# CONFIG_CRYPTOCCTS is not set
CONFIG_CRYPTOCBC=m
CONFIG_CRYPTOLRW=m
CONFIG_CRYPTOPCBC=m
CONFIG_CRYPTOXTS=m

#
# Hash modes
#
CONFIG_CRYPTOHMAC=y
CONFIG_CRYPTOXCBC=m

#
# Digest
#
CONFIG_CRYPTOCRC32C=m
CONFIG_CRYPTOMD4=m
CONFIG_CRYPTOMD5=y
CONFIG_CRYPTOMICHAEL_MIC=m
# CONFIG_CRYPTORMD128 is not set
# CONFIG_CRYPTORMD160 is not set
# CONFIG_CRYPTORMD256 is not set
# CONFIG_CRYPTORMD320 is not set
CONFIG_CRYPTOSHA1=m
CONFIG_CRYPTOSHA256=m
CONFIG_CRYPTOSHA512=m
CONFIG_CRYPTOTGR192=m
CONFIG_CRYPTOWP512=m

#
# Ciphers
#
CONFIG_CRYPTOAES=m
CONFIG_CRYPTOAES_X86_64=m
CONFIG_CRYPTOANUBIS=m
CONFIG_CRYPTOARC4=m
CONFIG_CRYPTOBLOWFISH=m
CONFIG_CRYPTOCAMELLIA=m
CONFIG_CRYPTOCAST5=m
CONFIG_CRYPTOCAST6=m
CONFIG_CRYPTODES=m
CONFIG_CRYPTOFCRYPT=m
CONFIG_CRYPTOKHAZAD=m
# CONFIG_CRYPTOSALSA20 is not set
# CONFIG_CRYPTOSALSA20_X86_64 is not set
CONFIG_CRYPTOSEED=m
```

[regression?] usb: new errors during device detection

[regression?] usb: new errors during device detection

```
CONFIG_CRYPTO_SERPENT=m  
CONFIG_CRYPTO_TEA=m  
CONFIG_CRYPTO_TWOFISH=m  
CONFIG_CRYPTO_TWOFISH_COMMON=m  
CONFIG_CRYPTO_TWOFISH_X86_64=m
```

```
#  
# Compression  
#  
CONFIG_CRYPTO_DEFLATE=m  
# CONFIG_CRYPTO_LZO is not set  
# CONFIG_CRYPTO_HW is not set  
CONFIG_HAVE_KVM=y  
# CONFIG_VIRTUALIZATION is not set
```

```
#  
# Library routines  
#
```